

FIG. 1

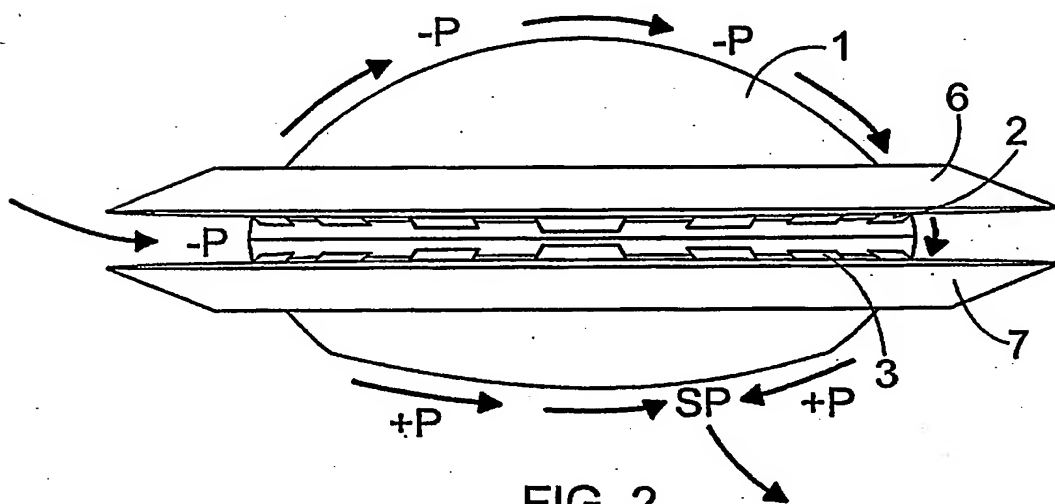


FIG. 2

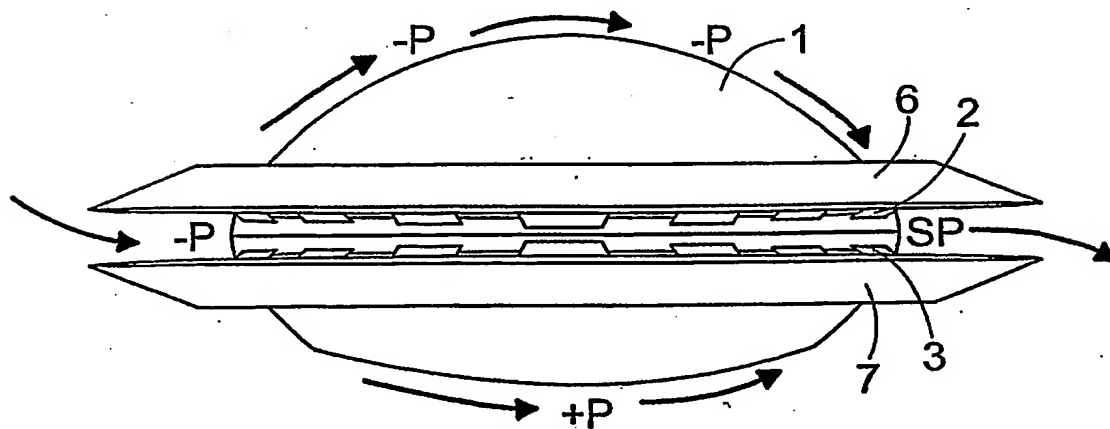


FIG. 3

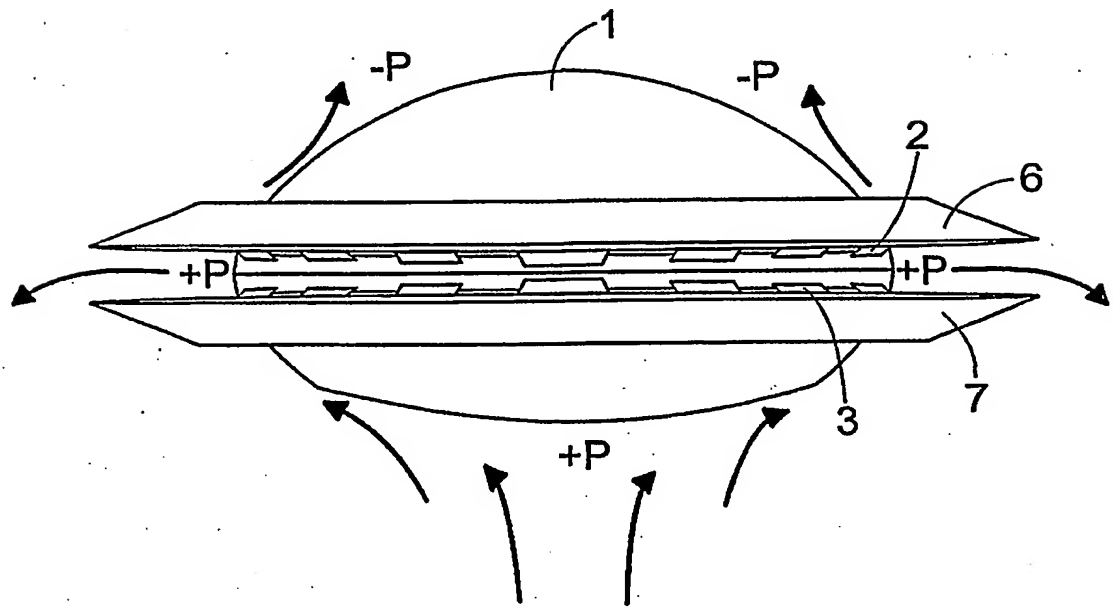


FIG. 4

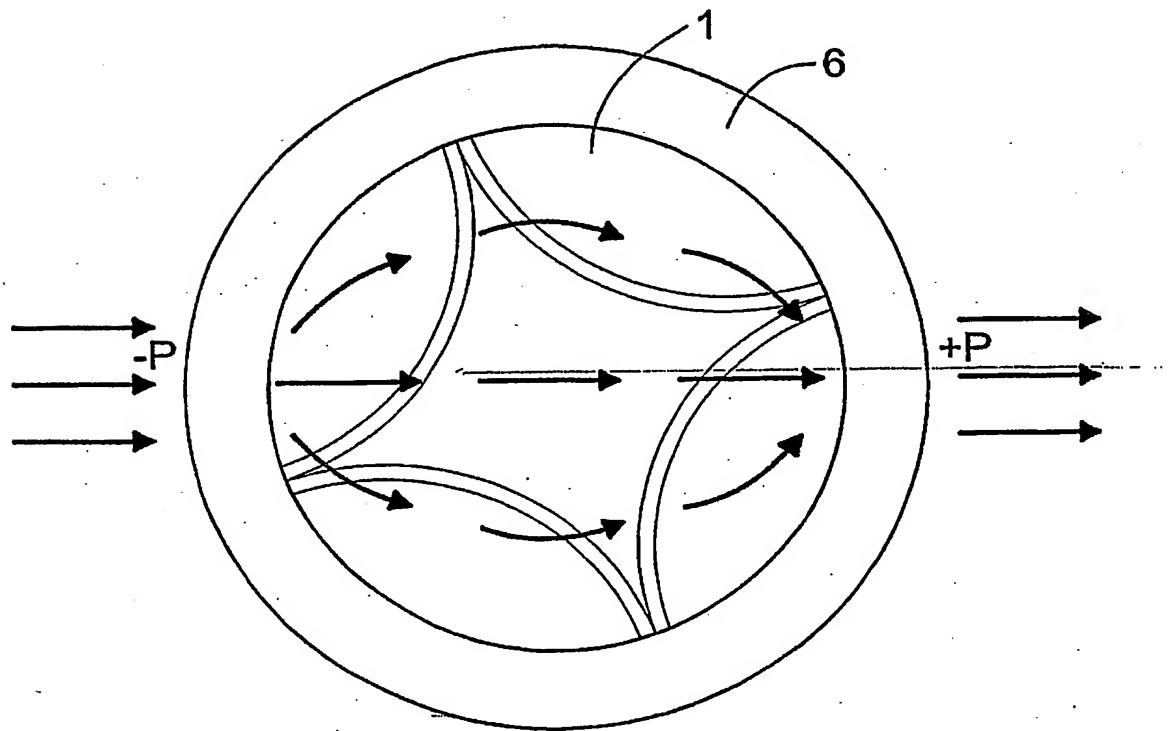


FIG. 5



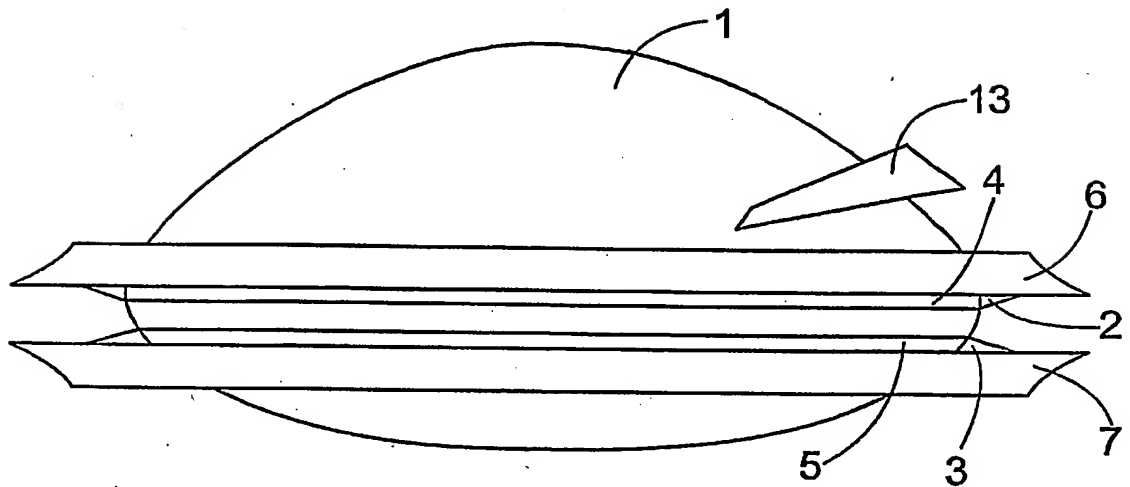


FIG. 8

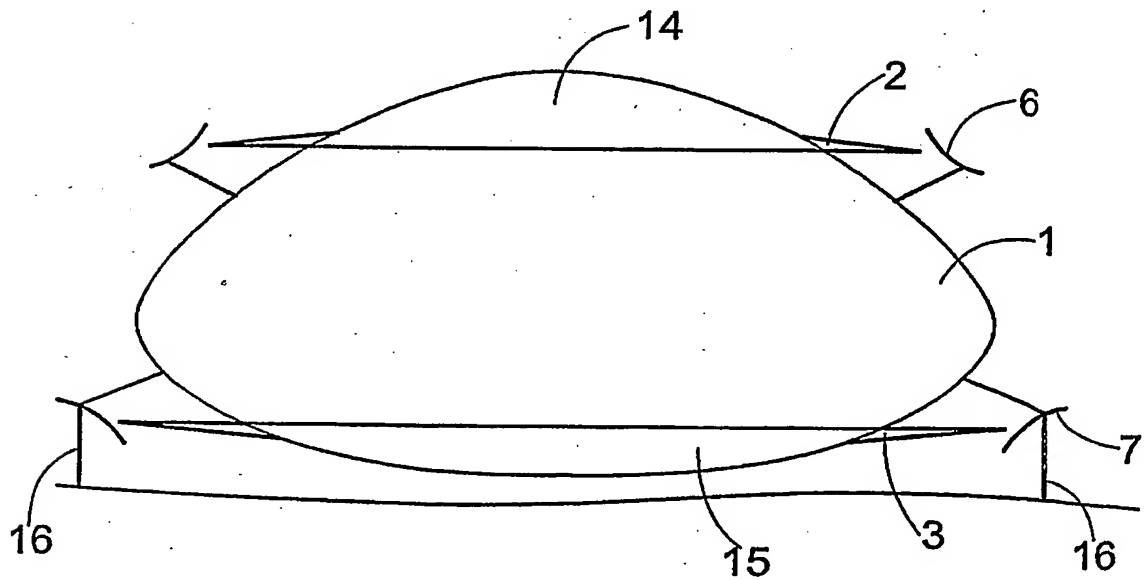


FIG. 9

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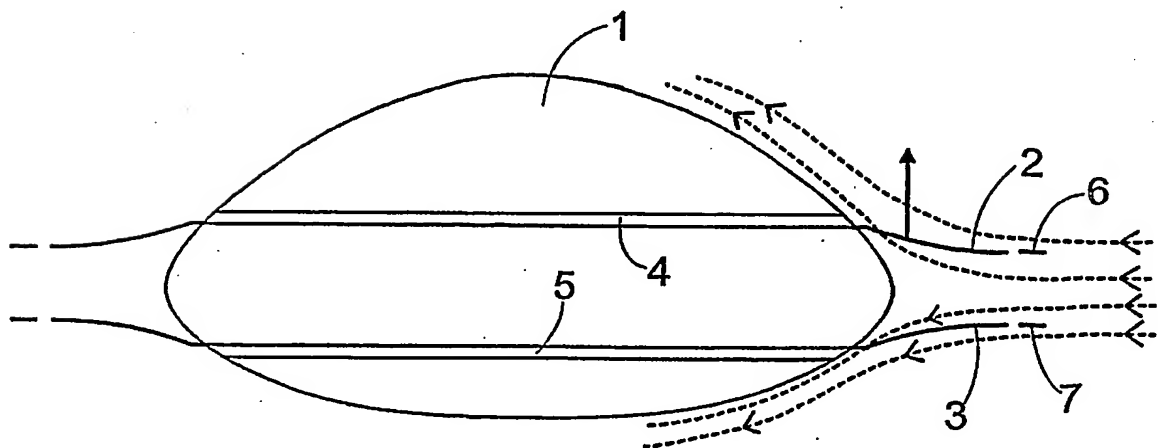
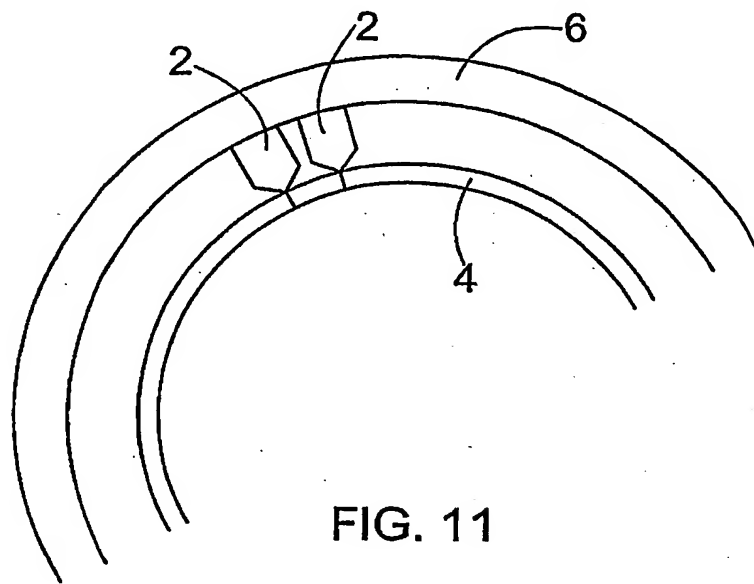
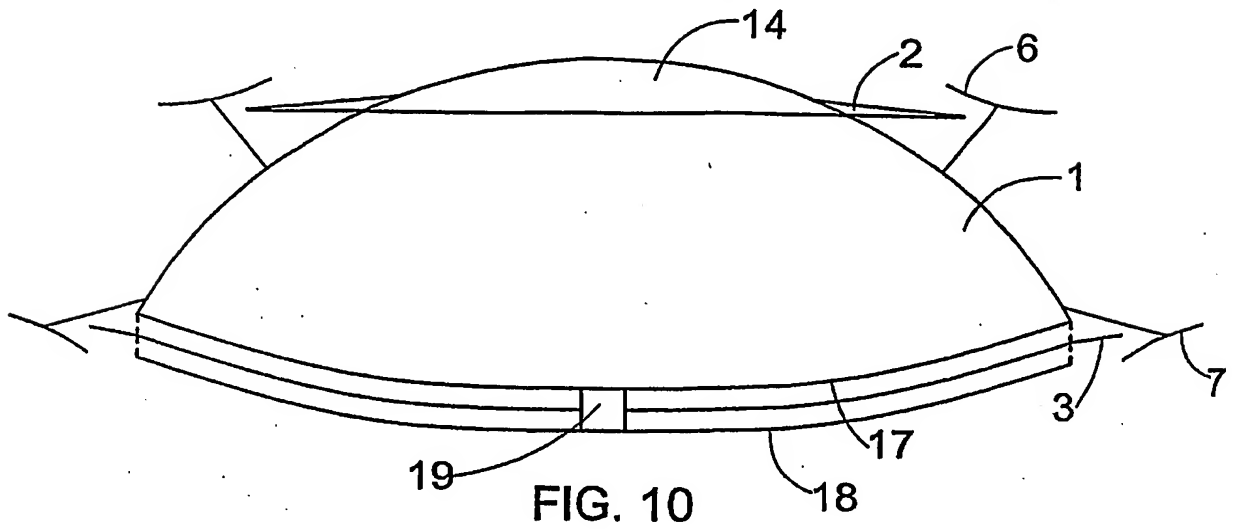


FIG. 12

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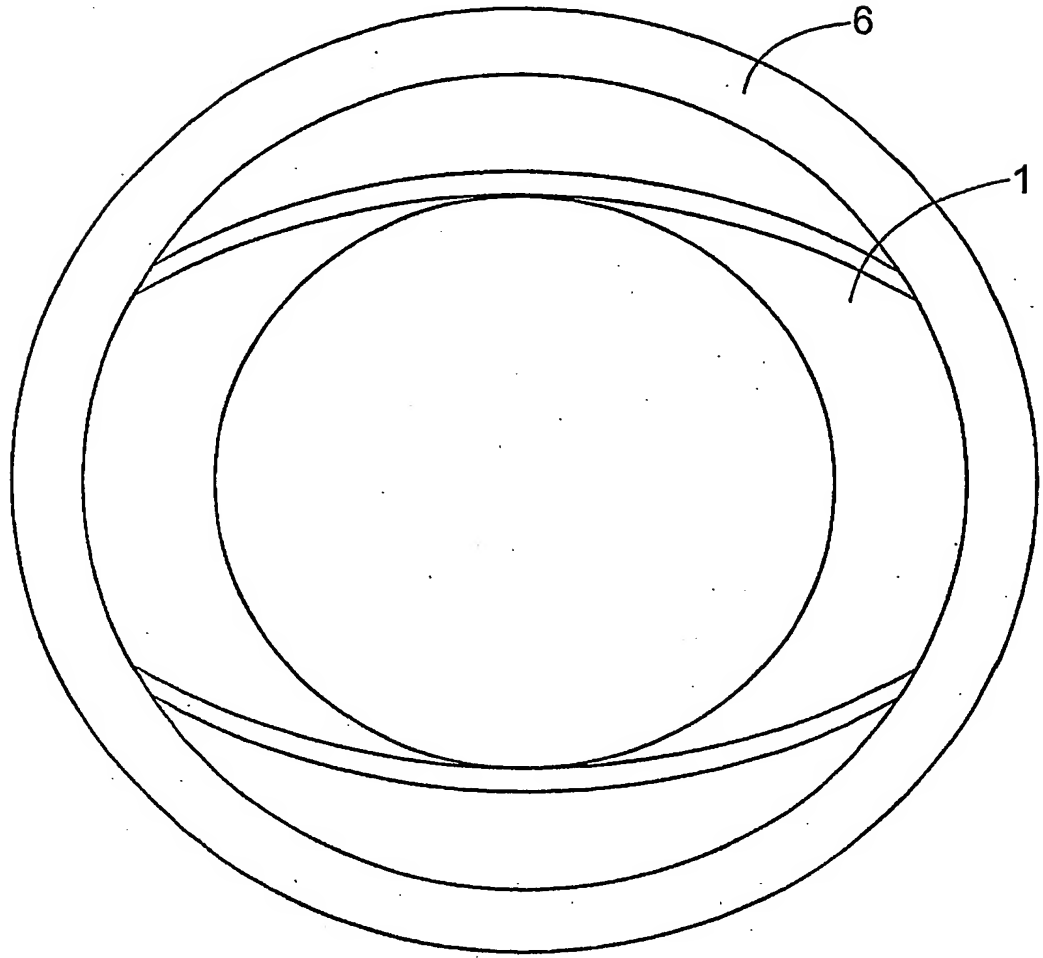


FIG. 13

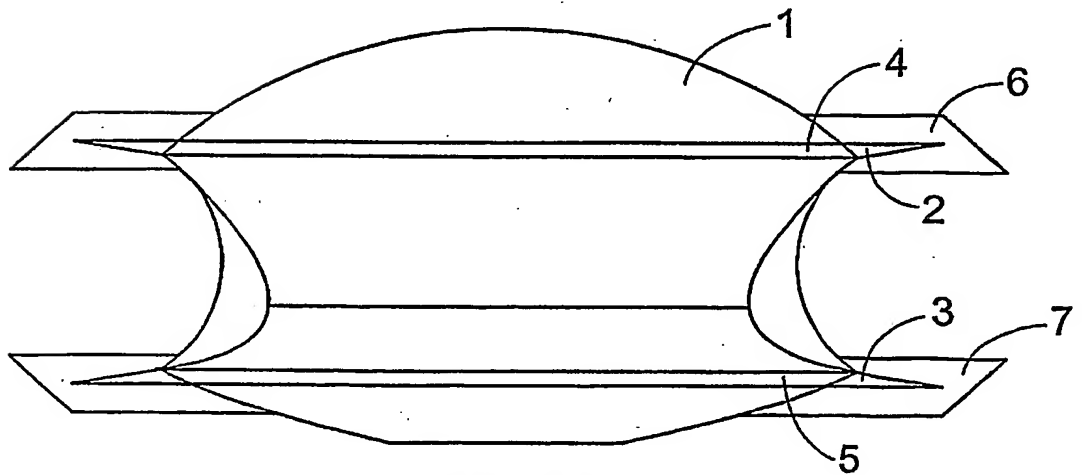


FIG. 14

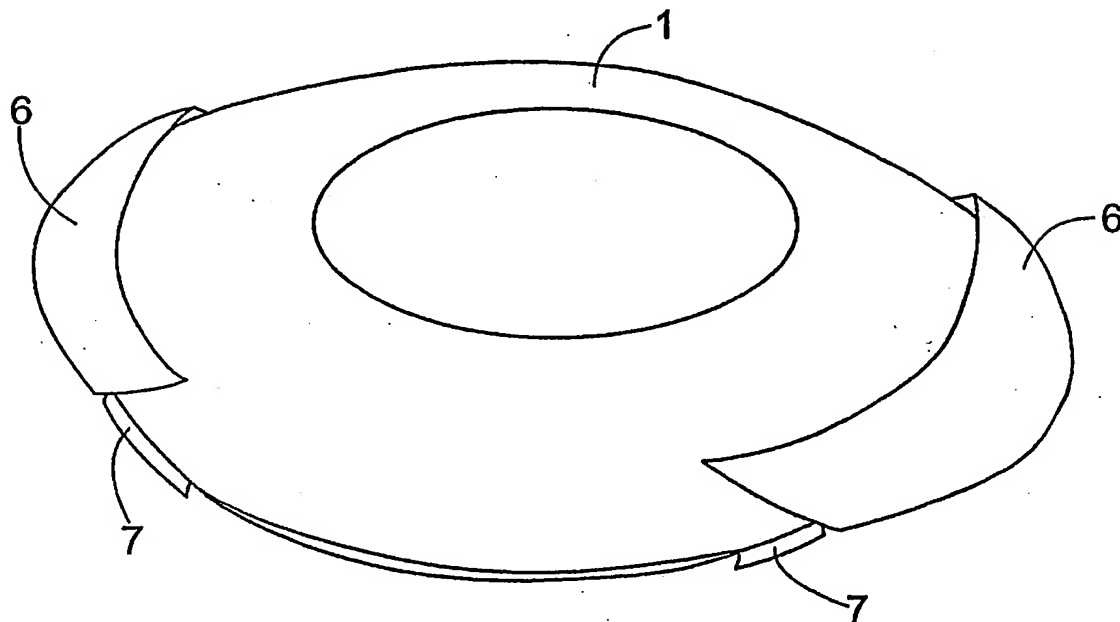


FIG. 15

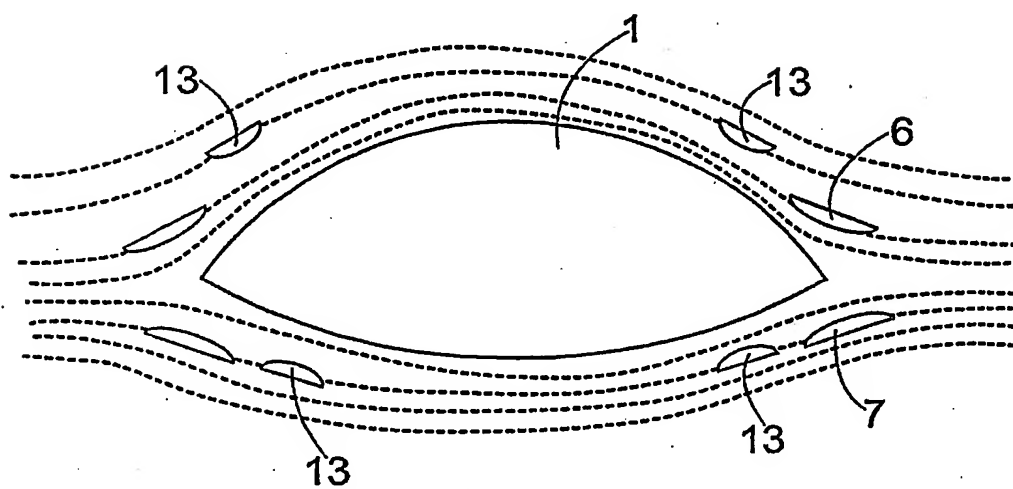


FIG. 16

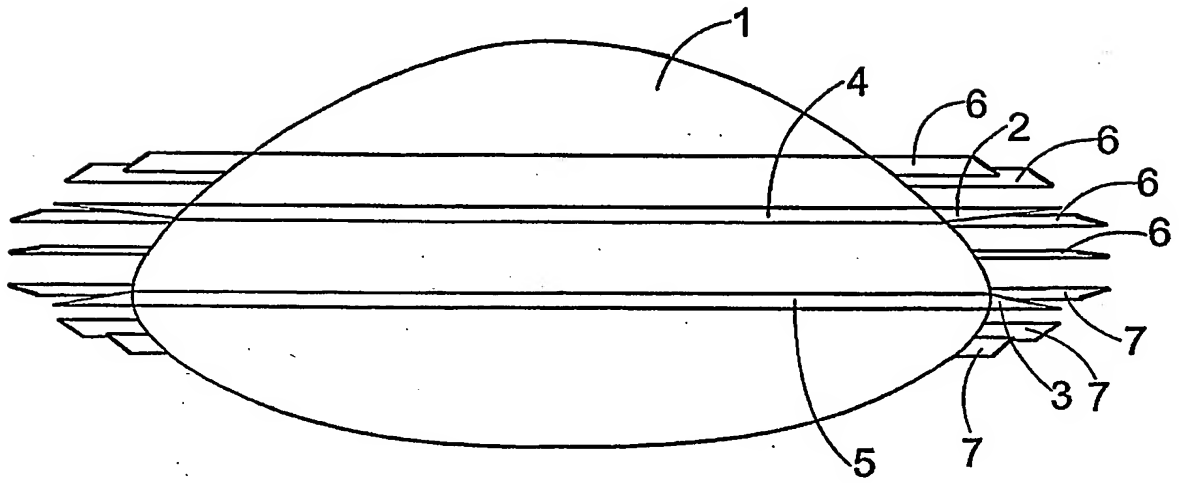


FIG. 17

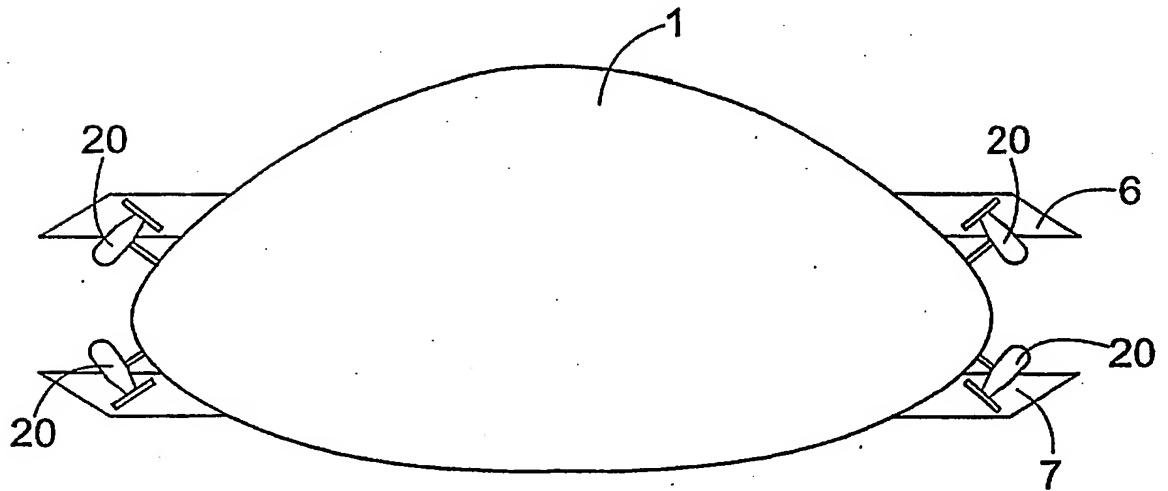


FIG. 18



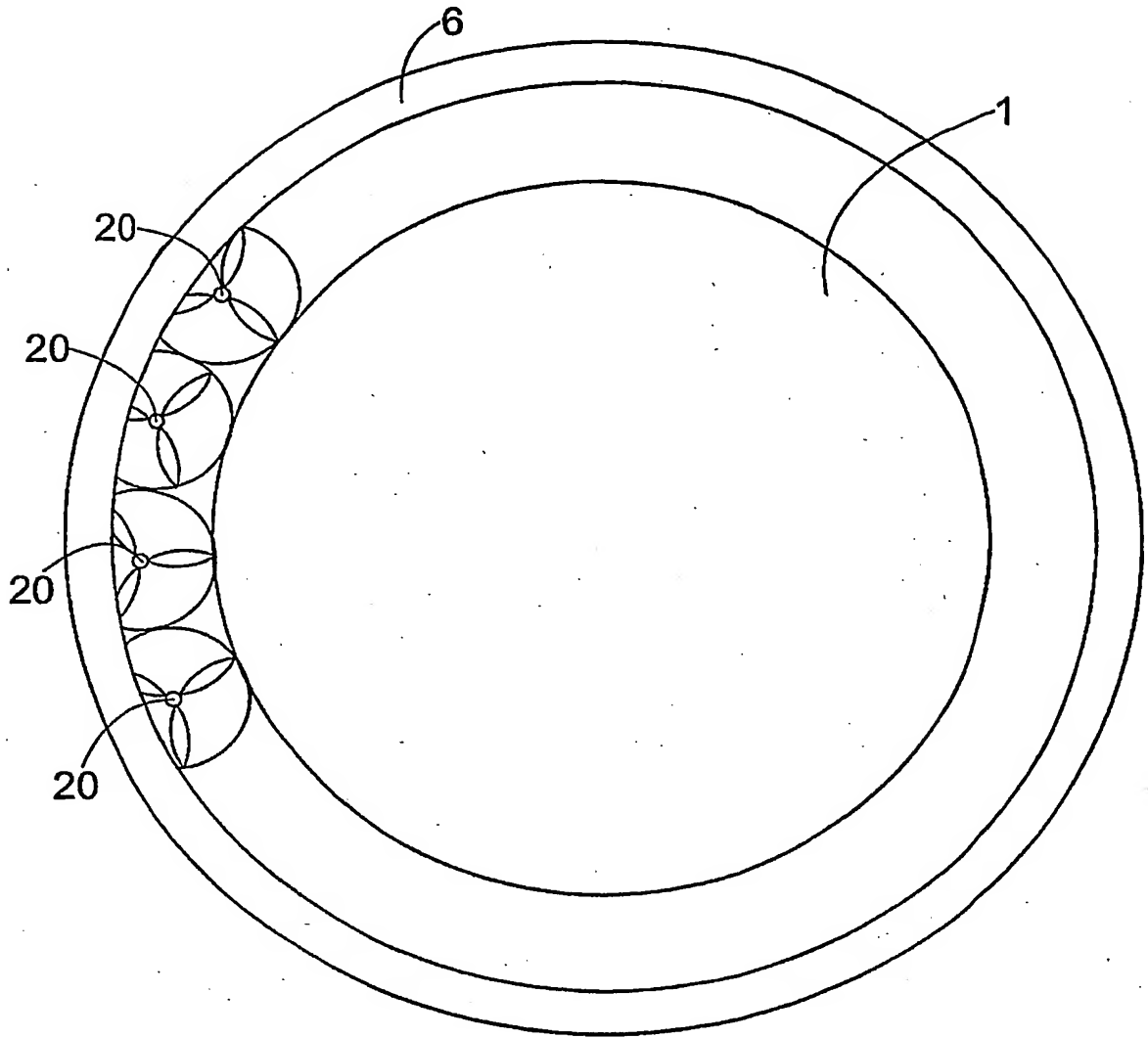


FIG. 19

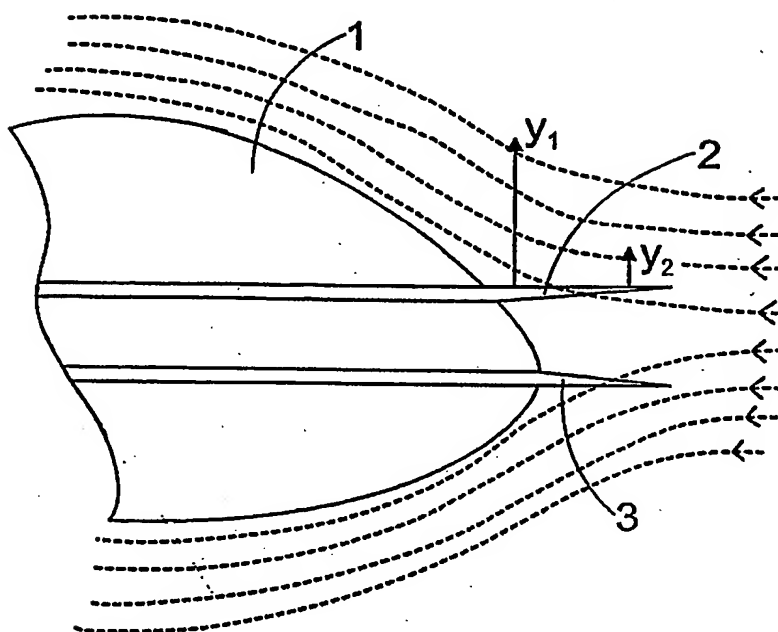


FIG. 20

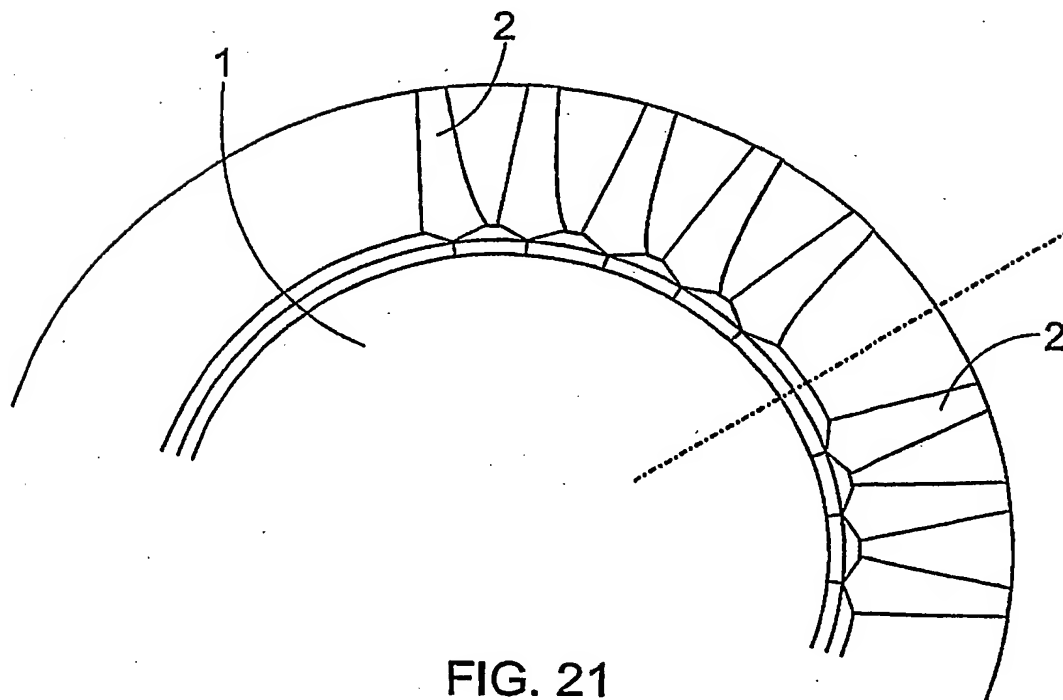
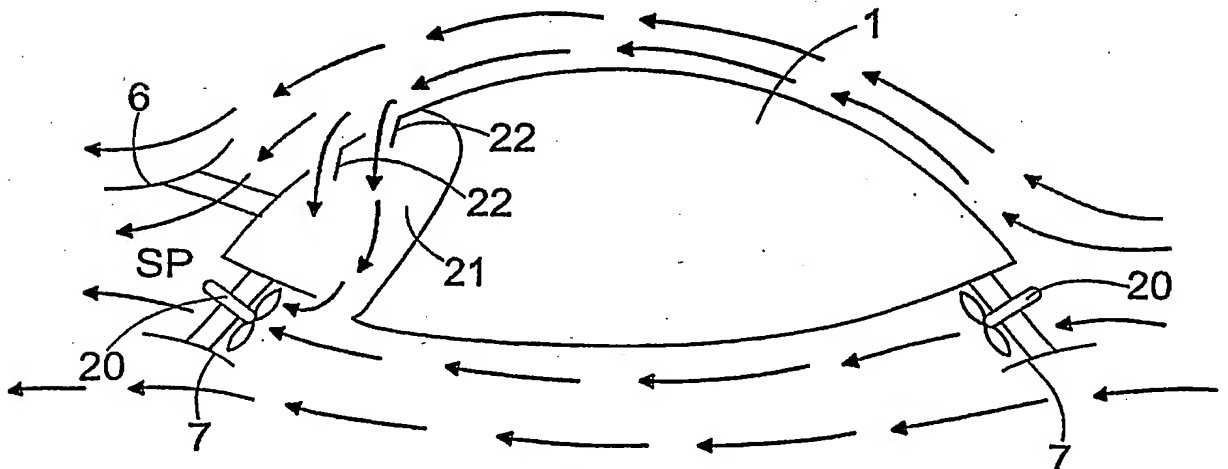
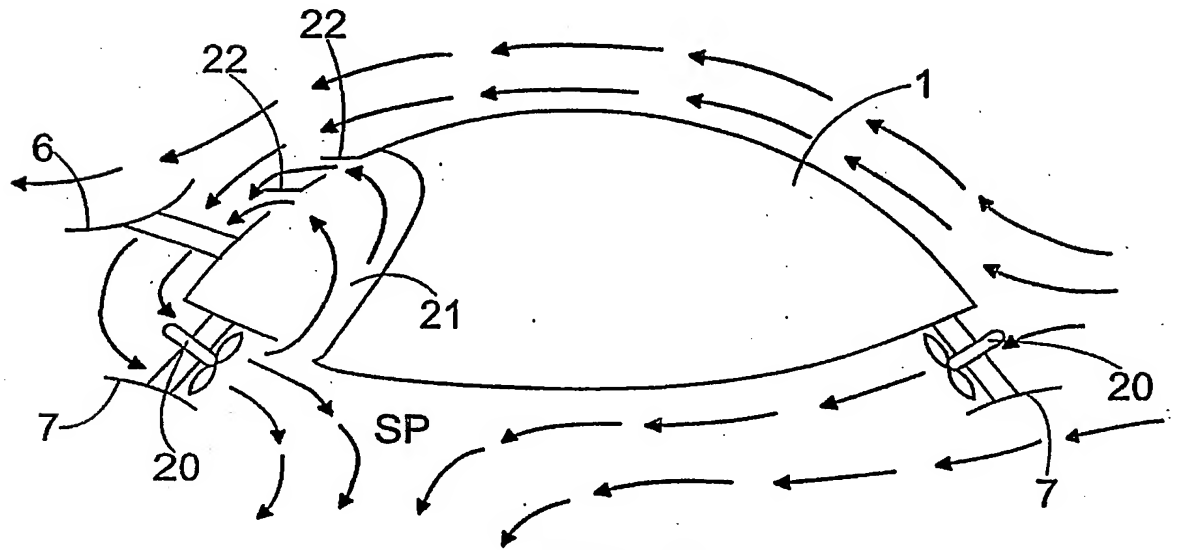
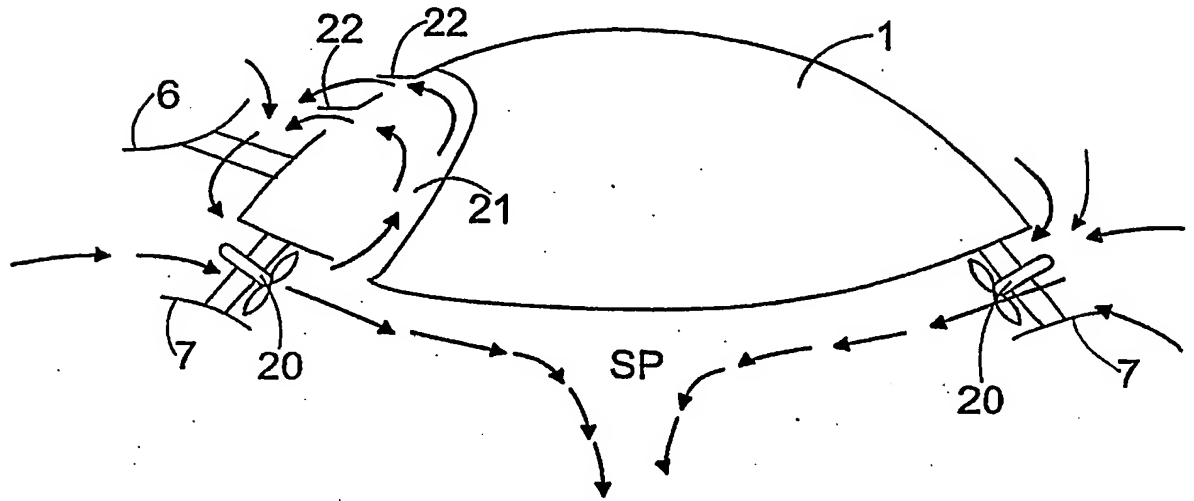


FIG. 21

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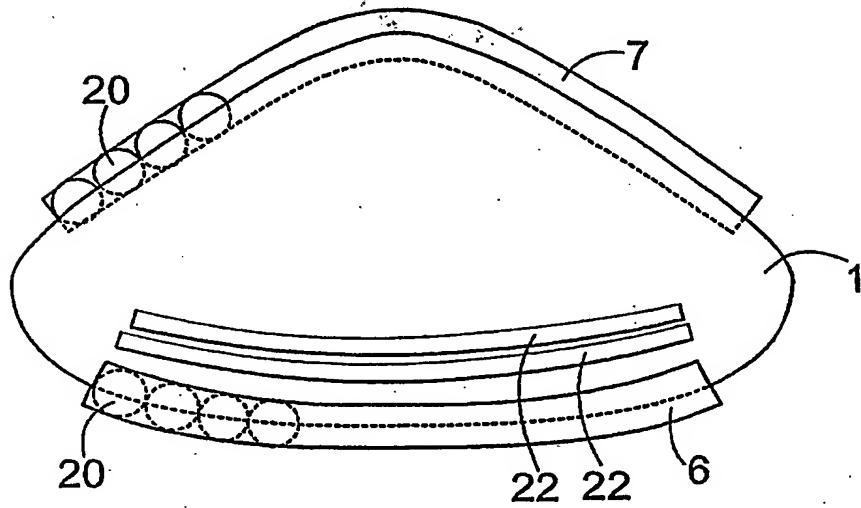


FIG. 25

**A. CLASSIFICATION OF SUBJECT MATTER**

**IPC7: B64C 39/00**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: B64C**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,N0 classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5064143 A (BUCHER), 12 November 1991 (12.11.1991), figure 2, abstract --	1,11
A	US 6464166 B1 (YOELI), 15 October 2002 (15.10.2002), figures 11-13, abstract --	1,11
A	DE 1288924 B (GRAF, EBERHARD), 6 February 1969 (06.02.1969), figures 1,2 --	1,11
A	WO 0194199 A1 (LAMONT, JOHN), 13 December 2001 (13.12.2001), figure 2, abstract --	1,11

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&" document member of the same patent family

Date of the actual completion of the international search

**26 October 2004**

Date of mailing of the international search report

**02-11-2004**

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5046685 A (BOSE), 10 Sept 1991 (10.09.1991), figure 1, abstract --	1,11
A	EP 0534611 A1 (A H BECK FOUNDATION CO, INC), 31 March 1993 (31.03.1993), figures 1,2, abstract --	1,11
A	FR 2630697 A1 (MAZZA), 3 November 1989 (03.11.1989), abstract --	1,11
A	US 3410507 A (PAUL S MOLLER), 12 November 1968 (12.11.1968), figures 8-10, abstract -- -----	1,11

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5046685 A (BOSE), 10 Sept 1991 (10.09.1991), figure 1, abstract --	1,11
A	EP 0534611 A1 (A H BECK FOUNDATION CO, INC), 31 March 1993 (31.03.1993), figures 1,2, abstract --	1,11
A	FR 2630697 A1 (MAZZA), 3 November 1989 (03.11.1989), abstract --	1,11
A	US 3410507 A (PAUL S MOLLER), 12 November 1968 (12.11.1968), figures 8-10, abstract -- -----	1,11